

HISTORIC AMERICAN ENGINEERING RECORD
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HAER
PA
2-HOME,
2J-

U.S. STEEL HOMESTEAD WORKS,
MACHINE SHOP No. 2
Homestead *Along the Monongahela River*
Allegheny County
Pennsylvania

HAER No. PA-200-J

Martin Stupich, Photographer, 1989. An overview history and inventory of individual structures on the Homestead site can be found in the HABS/HAER collection at the Library of Congress under HAER No. PA-200.

- PA-200-J-1 EAST END OF MACHINE SHOP No. 2. THE TALL STRUCTURE IS THE VERTICAL FURNACE BUILDING, AND THE TWO-STORY BRICK BUILDING WAS THE HEAT TREATING AND FORGING OFFICE.
- PA-200-J-2 EAST END OF MACHINE SHOP No. 2, AND THE FORMER HEAT TREATING AND FORGING OFFICE.
- PA-200-J-3 EAST END OF MACHINE SHOP No. 2, AND THE FORMER HEAT TREATING AND FORGING OFFICE.
- PA-200-J-4 GENERAL VIEW OF THE NORTH MAIN AISLE OF MACHINE SHOP No. 2.
- PA-200-J-5 GENERAL VIEW OF NORTH MAIN AISLE OF MACHINE SHOP No. 2, WITH COLD SAW IN FOREGROUND.
- PA-200-J-6 VIEW OF LATHE ON EAST END OF MACHINE SHOP No. 2 ADDITION. THE 78 1/2" X 100" LATHE BORES OUT CENTERS, OR TREPANNS, OF FORGING.
- PA-200-J-7 VIEW OF LATHES ON WEST END OF MACHINE SHOP No. 2 ADDITION. LATHE ON LEFT IS 120" (CHUCK) X 72". LATHE ON RIGHT IS 124" (CHUCK) X 21".
- PA-200-J-8 40' DIAMETER VERTICAL BORING MILL LOCATED IN THE MACHINE SHOP No. 2 ADDITION.
- PA-200-J-9 GENERAL INTERIOR VIEW OF THE VERTICAL FURNACE BUILDING (PART OF MACHINE SHOP No. 2). TWO FURNACES, WITH THEIR SUPPORT FRAMEWORK, ARE VISIBLE TO THE RIGHT. THE TALL STRUCTURE IN THE CENTER TOWARD THE BACKGROUND IS THE VERTICAL QUENCH TOWER.

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PA-200-J-10	INTERIOR OF THE VERTICAL FURNACE BUILDING OF MACHINE SHOP No. 2. STRUCTURE IN THE FOREGROUND IS THE UPENDER. THE QUENCH TOWER AND FURNACES ARE IN THE BACKGROUND.
PA-200-J-11	BIRD'S-EYE VIEW OF VERTICAL QUENCH TOWER.
PA-200-J-12	BIRD'S-EYE VIEW OF VERTICAL FURNACES ALONG THE NORTH WALL OF BUILDING. HISTORIAN FOR SCALE.
PA-200-J-13	CLOSE-UP VIEW OF THE VERTICAL FURNACES ALONG THE NORTH WALL OF BUILDING.